

FILE



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PubMed

Nucleotide

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Details

☐ 1: NM_012199. Homo sapiens euka...[gi:6912351]

Links

LOCUS EIF2C1 7478 bp mRNA linear PRI 05-NOV-2002
 DEFINITION Homo sapiens eukaryotic translation initiation factor 2C, 1
 (EIF2C1), mRNA.

ACCESSION NM_012199

VERSION NM_012199.1 GI:6912351

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 7478)

AUTHORS Koesters,R., Adams,V., Betts,D., Moos,R., Schmid,M., Siemann,A.,
 Hassam,S., Weitz,S., Lichter,P., Heitz,P.U., von Knebel
 Doeberitz,M. and Briner,J.

TITLE Human eukaryotic initiation factor EIF2C1 gene: cDNA sequence,
 genomic organization, localization to chromosomal bands 1p34-p35,
 and expression

JOURNAL Genomics 61 (2), 210-218 (1999)

MEDLINE 20005943

PUBMED 10534406

COMMENT PROVISIONAL REFSEQ: This record has not yet been subject to final
 NCBI review. The reference sequence was derived from AF093097.1.
 Summary: The human eukaryotic initiation factor 2C1 (EIF2C1) gene
 belongs to a multigene family in human. It is highly conserved
 during evolution, sharing about 90% identity with rabbit Eif2c and
 70% identity with plant EG01 at the amino acid level. EIF2C
 stimulates formation of a ternary complex composed of EIF2,
 initiation methionyl-tRNA(I) (Met-tRNA), and GTP.[supplied by
 OMIM].

FEATURES

source

Location/Qualifiers

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/map="1p35-p34"

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/note="similar to Arabidopsis thaliana AGO1; Golgi
 Endoplasmic Reticulum protein 95 kDa"

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misc feature

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post-transcriptional gene silencing. These are the Piwi
family and the Dicer family, that includes the Cappel
factory protein. The function of the domains is unknown
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misc feature

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variation

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variation

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Revised: July 5, 2002.

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Jan 21 2003 18:08:12

FILE



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Nucleotide

PubMed

Nucleotide

Protein

Genome

Structure

PMC

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Display

default

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Send to

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☐ 1: AF093097. Homo sapiens puta...[gi:6002622]

Links

LOCUS AF093097 7478 bp mRNA linear PRI 16-NOV-1999
DEFINITION Homo sapiens putative RNA-binding protein Q99 mRNA, complete cds.
ACCESSION AF093097
VERSION AF093097.1 GI:6002622
KEYWORDS .
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 7478)
AUTHORS Koesters,R., Adams,V., Betts,D., Moos,R., Schmid,M., Siermann,A.,
Hassam,S., Weitz,S., Lichter,P., Heitz,P.U., von Knebel
Doeberitz,M. and Briner,J.
TITLE Human eukaryotic initiation factor EIF2C1 gene: cDNA sequence,
genomic organization, localization to chromosomal bands 1p34-p35,
and expression
JOURNAL Genomics 61 (2), 210-218 (1999)
MEDLINE 20005943
PUBMED 10534406
REFERENCE 2 (bases 1 to 7478)
AUTHORS Koesters,R., Briner,J., Moos,R., Schmid,M., Doeberitz,M.V.K. and
Betts,D.
TITLE Direct Submission
JOURNAL Submitted (18-SEP-1998) Surgery, University Hospital, INF 110,
Heidelberg 69120, Germany
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